

# EXTRAHOP REVEAL 360 INTEGRATION WITH SECURITY VALIDATION

This integration provides the following benefits:

- Validates that security tools are writing log events to Extrahop to ensure compliance with security policies and regulations
- Collects events generated by security tools that write to Extrahop to test the efficacy and configuration of security controls using Security Validation jobs

## API Calls

API	Usage
<code>/api/v1/detections/search</code>	Retrieve Events (Detections) from Extrahop Reveal 360
<code>/api/v1/alerts/search</code>	Retrieve Alerts from Extrahop Reveal 360
<code>/api/v1/detections</code>	Retrieve detections to validate Credentials

## Supported Versions

Extrahop Reveal 360 (cloud)

## Before You Begin


To configure this integration, you need:

- The url of your Extrahop Reveal 360 Cloud instance
- A valid Oauth Client ID Oauth Client Secret with permissions to use the API endpoints described in the table

For more information, see the [Extrahop Reveal 360 Cloud Documentation \(https://docs.extrahop.com/current/rx360-rest-api/\)](https://docs.extrahop.com/current/rx360-rest-api/).

## Configure Security Validation

1. Go to **Settings > Integrations**.
2. From the Integrations table, click **Add Integration > Extrahop Reveal 360**.

 You can add this as either a Direct or Remote Integration.

3. Enter a meaningful **Integration Name**.
4. Optional: From the **Proxy** drop-down, choose a proxy profile if one is available. If one isn't available and all outbound connections go through a proxy, first, set up a **Proxy Rule (https://docs.mandiant.com/home/msv-proxy-rules)**.
5. Optional: Change the **HttpProtocols** value to determine what protocol is used for requests ( **Http** or **Https**).
6. Enter a **Host** value (hostname or IP address) for the Extrahop Reveal 360 instance. The default is **api.cloud.extrahop.com**.
7. Enter a **Port** value. The default is **443**.
8. Enter the **Client Id** and **Client Secret** that you configured with permissions to use the API endpoints.
9. Optional: Enter the **API Endpoint URL** provided by Extrahop at API creation. The default is **https://api.cloud.extrahop.com/oauth2/token**.
10. Optional: Check **Verify Ssl** if you want this verification done for requests to an upstream server.
11. Optional: Change the **Timeout** value if you want a different frequency of requests to an upstream server. The default is **30** (seconds).
12. Optional: Add or remove **Queries**, as needed. A default **IP Query** is provided.

13. Optional: Change the default **Alert Query** and add an **Alert Target**, if needed.
14. Optional: Modify the **Field Map** values, as necessary.



- Each field map box can hold a JSON-formatted comma-separated list of columns returned by the API to be considered for each field when translating into the normalized event object format. Example: description could be configured to be 'msg\_s' or 'SyslogMessage' in some environments. The field map tries both if set to: ['msg\_s','SyslogMessage'] and whichever matches first is the column that is used.
- When configuring an integration in Security Validation, you can assign additional host values in the Field Map settings. If none of the assigned fields return a valid host name, Network Actions may miss matched events from the third-party technology. Additional hosts values helps ensure the likelihood of a match between the two environments.

15. Optional: Change the values for **Page Size** (default **500**) or **Max Pages** (default **100**), if needed.
16. Optional: Expand **Advanced options** and update the information as necessary.
  - a. Update **Query Time** and **Delay Time**.



The **Query time** is the amount of time (minutes) before and after the query runs that the platform looks for events, while the **Delay time** is the amount of time (minutes) that the platform waits to run the first query after a Job Action starts. For example, you configure your integration with the following values: **Query time** = 5, **Query interval** = 30 seconds, and **Delay time** = 0. When a Job Actions starts at 12:00:00, the first time the query runs, the platform looks for events from 11:55:00 to 12:00:00. Then 30 seconds later, it looks for events from 11:55:30 to 12:00:30. This interval continues, with the last query looking from 12:00:00 to 12:05:00. If you instead configured the **Delay time** to equal 10, it would run the same query, but it wouldn't start that query until 12:10:00.



If your monitors are set to run more frequently than the query time, this configuration impacts the pass/fail results for AEDA monitors.

- b. Update **Query Interval** (seconds).
- c. Select **Correlation Query Enabled** and fill in the **Correlation Query**.
- d. Modify the **Correlation Query Interval**, if necessary (minutes).
- e. Select **Discover network devices automatically**, the default and recommended option.



If unselected, reported events won't include product information for any matching network security technology.

- f. Select **Save Suspicious Events**.
- g. Modify the **Event Time Adjustment** (seconds). The default is **0**.
- h. Modify the **Limit** value if you need to prevent a flood of results. This value is set to **10000** by default. This limit applies to both events and alerts individually, so if you set it to **10**, you can still see a maximum of 10 events and 10 alerts.

17. Click **Save**.

#### Verify connectivity

1. Go to **Settings > Integrations**.
2. From the Direct Integrations table, click **⋮ > Test** to verify that:
  - The Director can communicate with the integration host on the port and protocol specified.

- The integration credentials are valid and working.

For more information on setting up queries, see **Manage Integrations** (<https://docs.mandiant.com/home/msv-managing-integrations>).